



icaTM
North Creek Analytical, Inc.
Environmental Laboratory Network
www.ncalabs.com

C.O.C #14

11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
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CHAIN OF CUSTODY REPORT

Work Order #: **M105005**

CLIENT: <u>Bristol Environmental & Engineering</u> REPORT TO: <u>Anne Kusanmutha</u> ADDRESS: <u>Amchitha Island</u> PHONE: <u>770-0974</u> FAX: <u>7726175</u>		INVOICE TO: <u>Bristol Environmental & Eng.</u> P.O. NUMBER: <u>21090</u>		TURNAROUND REQUEST in Business Days* Organic & Inorganic Analyses <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">10</div> <div style="border: 1px solid black; padding: 2px;">7</div> <div style="border: 1px solid black; padding: 2px;">5</div> <div style="border: 1px solid black; padding: 2px;">4</div> <div style="border: 1px solid black; padding: 2px;">3</div> <div style="border: 1px solid black; padding: 2px;">2</div> <div style="border: 1px solid black; padding: 2px;">1</div> <div style="border: 1px solid black; padding: 2px;"><</div> </div> STD. Petroleum Hydrocarbon Analyses <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">5</div> <div style="border: 1px solid black; padding: 2px;">4</div> <div style="border: 1px solid black; padding: 2px;">3</div> <div style="border: 1px solid black; padding: 2px;">2</div> <div style="border: 1px solid black; padding: 2px;">1</div> <div style="border: 1px solid black; padding: 2px;"><1</div> </div> STD. OTHER Please Specify _____ <small>*Turnaround Requests less than standard may incur Rush Charges.</small>														
PROJECT NAME: <u>Amchitha</u> PROJECT NUMBER: <u>21090</u> SAMPLED BY: <u>Anne & Charlie</u>		REQUESTED ANALYSES																
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	TULP LEAD											MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA I		
1. 01AMB84901MI	5/14/01 1415	X													O	1 PA		
2. 01AMB84902MI	5/14/01 1430	X													O	1 PB		
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		
11.																		
12.																		
13.																		
14.																		
15.																		

RELINQUISHED BY: <u>Charles R. Marshall</u> PRINT NAME: <u>Charles R. Marshall</u> FIRM: <u>Bristol</u>	DATE: <u>5/14/01</u> TIME: <u>1520</u>	RECEIVED BY: <u>[Signature]</u> PRINT NAME: <u>[Signature]</u> FIRM: <u>NCA</u>	DATE: <u>5/14</u> TIME: <u>15</u>
RELINQUISHED BY: PRINT NAME: FIRM:	DATE: TIME:	RECEIVED BY: PRINT NAME: FIRM:	DATE: TIME:

ADDITIONAL REMARKS: See Attachment A CIP

TEMP: 1



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6 December, 2001

Anne Kranawetter
Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 05/13/01 20:25. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson
Environmental Group Leader

Work Orders included in this report:

M105001 M105005



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Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
05/17/01 19:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01 AM A1 01 MI	M105001-07	Other dry	05/12/01 18:00	05/13/01 20:25
01 AM B3 01 MI	M105001-08	Other dry	05/13/01 17:45	05/13/01 20:25
01 AM A1 02 MI	M105001-09	Other dry	05/13/01 15:30	05/13/01 20:25
01 AM B8&9 01 MI	M105005-01	Other dry	05/14/01 14:15	05/14/01 15:20
01 AM B8&9 02 MI	M105005-02	Other dry	05/14/01 14:30	05/14/01 15:20

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
05/17/01 19:17

TCLP Metals per EPA 1311/6000/7000 Series Methods
North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
01 AM A1 01 MI (M105001-07) Other dry					Sampled: 05/12/01 Received: 05/13/01				
Lead	ND	0.500	mg/l	1	1311/7000	05/16/01	05/17/01	0105008	
01 AM B3 01 MI (M105001-08) Other dry					Sampled: 05/13/01 Received: 05/13/01				
Lead	ND	0.500	mg/l	1	1311/7000	05/16/01	05/17/01	0105008	
01 AM A1 02 MI (M105001-09) Other dry					Sampled: 05/13/01 Received: 05/13/01				
Lead	ND	0.500	mg/l	1	1311/7000	05/16/01	05/17/01	0105008	
01 AM B8&9 01 MI (M105005-01) Other dry					Sampled: 05/14/01 Received: 05/14/01				
Lead	ND	0.500	mg/l	1	1311/7000	05/16/01	05/17/01	0105008	
01 AM B8&9 02 MI (M105005-02) Other dry					Sampled: 05/14/01 Received: 05/14/01				
Lead	ND	0.500	mg/l	1	1311/7000	05/16/01	05/17/01	0105008	

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Project Number: 21090
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Reported:
05/17/01 19:17

TCLP Metals per EPA 1311/6000/7000 Series Methods - Quality Control

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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Batch 0105008 - Metals

Blank (0105008-BLK1)

Prepared: 05/16/01 Analyzed: 05/17/01

Lead ND 0.500 mg/l

LCS (0105008-BS1)

Prepared: 05/16/01 Analyzed: 05/17/01

Lead 1.03 0.500 mg/l 1.00 103 75-125

Matrix Spike (0105008-MS1)

Source: M105001-07

Prepared: 05/16/01 Analyzed: 05/17/01

Lead 1.06 0.500 mg/l 1.00 ND 87.8 50-150

Matrix Spike (0105008-MS2)

Source: M105001-08

Prepared: 05/16/01 Analyzed: 05/17/01

Lead 1.04 0.500 mg/l 1.00 ND 97.5 50-150

Matrix Spike (0105008-MS3)

Source: M105001-09

Prepared: 05/16/01 Analyzed: 05/17/01

Lead 1.17 0.500 mg/l 1.00 ND 107 50-150

Matrix Spike (0105008-MS4)

Source: M105005-01

Prepared: 05/16/01 Analyzed: 05/17/01

Lead 1.24 0.500 mg/l 1.00 ND 100 50-150

Matrix Spike (0105008-MS5)

Source: M105005-02

Prepared: 05/16/01 Analyzed: 05/17/01

Lead 1.08 0.500 mg/l 1.00 ND 107 50-150

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Reported:
05/17/01 19:17

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis. MRLs are adjusted if % Solids are less than 50%.
wet Sample results reported on a wet weight basis (as received)
RPD Relative Percent Difference

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Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M105001,M105005 FINAL 05 17 01 1917.mdb
			Default Report (not modified)
M105001-07	Pb TCLP 7000 Series		Other dry batched as Soil
M105001-08	Pb TCLP 7000 Series		Other dry batched as Soil
M105001-09	Pb TCLP 7000 Series		Other dry batched as Soil
M105005-01	Pb TCLP 7000 Series		Other dry batched as Soil
M105005-02	Pb TCLP 7000 Series		Other dry batched as Soil